

# SHARP®

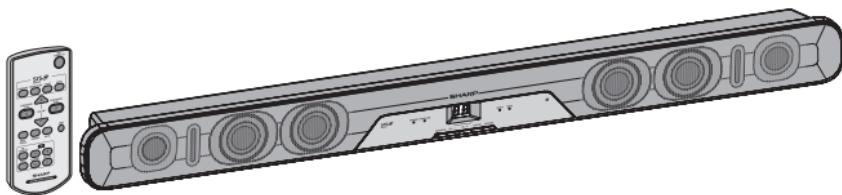
# ENGLISH

MODEL

# HT-SB250(BK)

## SOUND BAR SYSTEM

### OPERATION MANUAL



is a trademark of SRS Labs, Inc.

WOW HD technology is incorporated under license from SRS Labs, Inc.

**Note:** This product is recommended for flat panel TV (LCD and plasma).

**SHARP ELECTRONICS OF CANADA LTD**

335 Britannia Road East

Mississauga, Ontario

L4Z 1W9

SHARP CORPORATION



TINSKA049AWZZ

PRINTED IN MALAYSIA  
11A RAS ①

# Canada limited warranty

VALID IN CANADA ONLY

## LIMITED WARRANTY Consumer Electronics Products Congratulations on your purchase!

Sharp Electronics of Canada Ltd. ("Sharp") warrants to the first purchaser for this Sharp brand product ("Product"), when shipped in its original container and sold or distributed in Canada by Sharp or by an authorized Sharp dealer, that the Product will during the applicable warranty period, be free from defects in material and workmanship, and will within the applicable warranty period, either repair the defective Product or provide the first purchaser a replacement of the defective Product.

**Conditions:** This limited warranty shall not apply to:

- (a) Any defects caused or repairs required as a result of abusive operation, negligence, accident, improper installation or inappropriate use as outlined in the owner's manual or other applicable Product documentation.
- (b) Any defects caused or repairs required as a result of any Product that has been tampered with, modified, adjusted or repaired by any person other than Sharp, a Sharp authorized service centre or a Sharp authorized servicing dealer.
- (c) Any defects caused or repairs required as a result of the use of the Product with items not specified or approved by Sharp, including but not limited to, head cleaning tapes and chemical cleaning agents.
- (d) Any replacement of accessories, glassware, consumable or peripheral items required through normal use of the Product, including but not limited to, earphones, remote controls, AC adapters, batteries, temperature probe, trays, filters, belts, ribbons, cables and paper.
- (e) Any cosmetic damage to the Product surface or exterior that has been defaced or caused by normal wear and tear.
- (f) Any defects caused or repairs required as a result of damage caused by any external or environmental conditions, including but not limited to, transmission line/power line voltage or liquid spillage or acts of God.
- (g) Warranty claims for Products returned with illegible or without appropriate model, serial number and CSA/cUL markings.
- (h) Any Products used for rental or commercial purposes.
- (i) Any installation, setup and/or programming charges.

**How to get service:** Warranty service may be obtained upon delivery of the Product, together with proof of purchase (including date of purchase) and a copy of this limited warranty statement, to an authorized Sharp service centre or an authorized Sharp servicing dealer. In home warranty service may be provided, at Sharp's discretion, on any Sharp Television with the screen size of 40" or larger and on any Sharp Over-The-Range Microwave Oven or Home Use Microwave Drawer. No other person (including any Sharp dealer or service centre) is authorized to extend, enlarge or transfer this warranty on behalf of Sharp. The purchaser will be responsible for any and all removal, reinstallation, transportation and insurance costs incurred.

The express warranties in this limited warranty are, except for consumer purchasers domiciled in Quebec, in lieu of and, except to the extent prohibited by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular use or purpose, and/or non-infringement. **Limitations** (not applicable to consumer purchasers domiciled in Quebec to the extent prohibited under Quebec law): (a) Sharp shall not be liable for any incidental, special, consequential, economic, exemplary or indirect damages of any kind or nature (including lost profits or damages for loss of time or loss of use or loss of data) arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damages; (b) the remedies described in this limited warranty constitute complete fulfillment of all obligations and responsibilities of Sharp to the purchaser with respect to the Product and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. Some provinces may not allow the exclusion or limitation of certain damages, or limits on the duration or voiding of implied warranties or conditions; in such provinces, the exclusions and limits herein may not apply. This limited warranty is, except for consumer purchasers domiciled in Quebec, governed by the laws of the Province in Canada in which the purchaser has purchased the Product. For consumer purchasers domiciled in Quebec this limited warranty is governed by the laws of Quebec.

WARRANTY PERIODS :		Parts & Labour (exceptions noted)
(calculated from the date of original purchase)		

Audio Product	1 year	
Blu-Ray Product	1 year	
Projector	1 year	(lamp 90 days)
LCD TV	1 year	
Microwave Oven	1 year	(magnetron component-4 additional years)
Air Purifier	1 year	
Portable Air Conditioner	1 year	
Plasmadcluster Ion Generator	1 year	
3D Glasses	1 year	
Wireless LAN Adapter	1 year	

To obtain the name and address of the nearest Authorized Sharp Service Centre or Dealer, or for more information on this Limited Warranty, Sharp Extended Warranty Offers, Sharp Canada Products or Accessory Sales, please contact Sharp:

- By writing to Sharp Electronics Of Canada Ltd. at 335 Britannia Road East Mississauga, Ontario L4Z 1W9
- Calling: at 905-568-7140
- Visiting our Web site: [www.sharp.ca](http://www.sharp.ca)



THIS LIMITED WARRANTY IS VALID ONLY IN CANADA

## Special notes

### ENERGY STAR® Program Information



Products that have earned the ENERGY STAR® are designed to protect the environment through superior energy efficiency.

ENERGY STAR® is a U.S. registered mark.

## Features

SRS WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

## Accessories

Please confirm that only the following accessories are included.

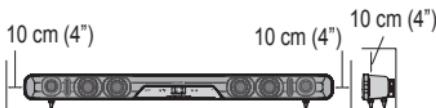
			
Remote control x 1	RCA cable (2 pins - 2 pins) x 1	AC/DC adaptor x 1 (RADPAA075AWZZ)	AC power lead x 1
			 ( Spike + Nut ) x 4 Length: 25 mm)

**Note:** The AC/DC adaptor may be different from the one in the drawing.

## Precautions

### ■ General

- Please ensure that the equipment is positioned in a well-ventilated area and ensure that there is at least 10 cm (4") of free space along the sides and top of the equipment.



- Use the unit on a firm, level surface free from vibration.
- Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic/electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.
- Do not place anything on top of the unit.
- Do not expose the unit to moisture, to temperatures higher than 60°C (140°F) or to extremely low temperatures.
- If your system does not work properly, disconnect the AC power lead from the wall socket. Plug the AC power lead back in, and then turn on your system.
- In case of an electrical storm, unplug the unit for safety.
- Hold the AC power plug by the head when removing it from the wall socket, as pulling the lead can damage internal wires.
- The AC power plug is used as a disconnect device and shall always remain readily operable.
- **Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.**
- This unit should only be used within the range of 5°C - 35°C (41°F - 95°F).

### Warning:

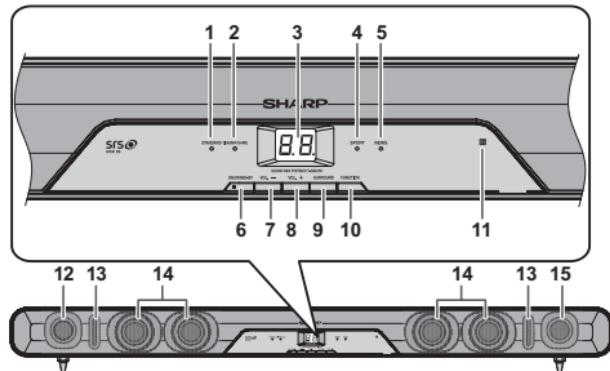
- The voltage used must be the same as that specified on this unit. Using this product with a higher voltage other than that which is specified is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from use of this unit with a voltage other than that which is specified.
- The supplied AC/DC adaptor contains no user serviceable parts. Never remove covers unless qualified to do so. It contains dangerous voltages, always remove mains plug from the wall socket before any service operation or when not in use for a long period.
- The AC/DC adaptor supplied with the HT-SB250(BK) must not be used with other equipment.
- Never use an AC/DC adaptor other than the one specified. Otherwise, problem or serious hazards may be created.
- To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

### ■ Volume control

The sound level at a given volume setting depends on unit efficiency, location, and various other factors. It is advisable to avoid exposure to high volume levels. Do not turn the volume on to full at switch on. Listen to music at moderate levels.

## Controls and indicators

### ■ Front Panel



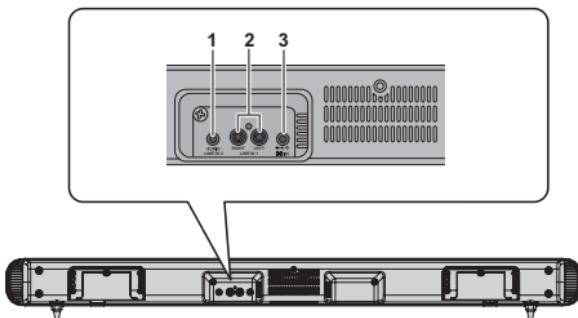
Reference page

1. Standard Indicator.....10
2. Cinema/Game Indicator .....
3. Information Display.....10
4. Sport Indicator.....10
5. News Indicator.....10
6. On/Stand-by Button.....9
7. Volume Down Button .....
8. Volume Up Button .....
9. Surround Button.....10

Reference page

10. Function Button.....10
11. Remote Sensor.....10
12. Left Front Speaker.....10
13. Bass Reflex Duct.....10
14. Subwoofers.....10
15. Right Front Speaker.....10

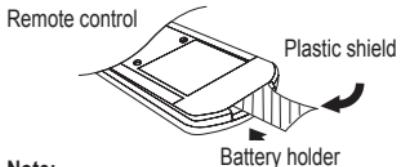
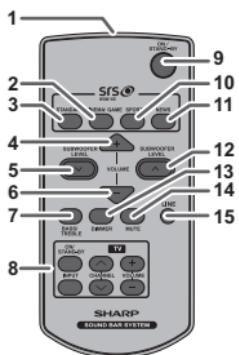
### ■ Rear Panel



Reference page

1. Audio Line In 2 Socket.....7
2. Line In 1 Sockets .....
3. DC Input Socket .....8

## Controls and indicators (continued)



**Note:**

Before using remote control, please remove plastic shield at battery holder.

### ■ Remote Control

Reference page

1. Remote Control Transmitter	10
2. Cinema/Game Button.....	10
3. Standard Button .....	10
4. Volume Up Button .....	9
5. Subwoofer Level Down Button .....	10
6. Volume Down Button .....	9
7. Bass/Treble Button.....	10
8. TV Operation Buttons .....	4
9. On/Stand-by Button.....	9
10. Sport Button.....	10
11. News Button .....	10
12. Subwoofer Level Up Button .....	10
13. Dimmer Button .....	9
14. Mute Button.....	10
15. Line Button.....	10

### TV Operation Buttons (Only SHARP TV):

On/Stand-by Button 	Sets the TV power to “ON” or “STAND-BY”.	Input Select Button (TV) 	Press the button to switch the input source.
Volume Up and Down Buttons 	Turn up/down the TV volume.	Channel Up and Down Buttons 	Switch up/down the TV channels.

**Note:** ● Some models of SHARP TV may not be operable.

● SHARP TV remote control will not work with HT-SB250(BK) system.

# System preparation

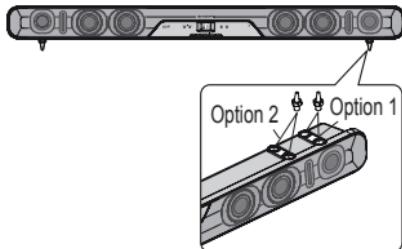
Make sure to unplug the AC power lead before installing the unit or changing the position.

Select from three installation methods according to the preferred position.

## Using spikes

Nuts (secured on spikes) must be used when installing spikes.

The unit can be levelled by adjusting the spikes and nuts.



Tighten all spikes as shown

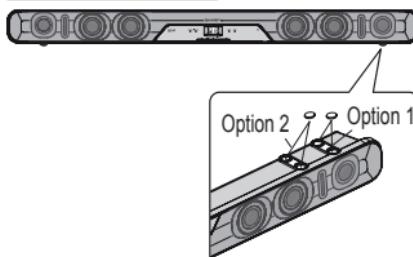
### Notes:

- Option 1 or option 2 indicates spike positions based on LCD TV stand.
- When attaching the spikes, place the unit on a cushion or soft cloth to avoid damage.

### Caution:

When using these spikes on glossy or slippery table such as on glass top, stick foot cushions at the bottom of the spikes to avoid slippage.

## Using foot cushions



Attach foot cushions as shown

### Note:

Option 1 or option 2 foot cushion positions based on LCD TV stand.

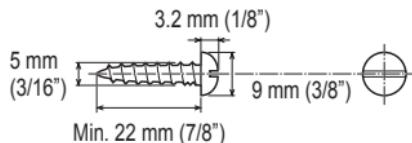
## To mount the unit on the wall

### Caution:

- Be very careful to prevent the unit [1.90 kg (4.19 lbs.)] from falling when mounting on the wall.
- Before mounting, check the wall strength. (Do not put on the veneer plaster or whitewashed wall. The unit may fall.) If unsure, consult a qualified service technician.
- Mounting screws are not supplied. Use appropriate ones.
- Check all wall mount angle screws for looseness.
- Select a good location. If not, accidents may occur or the unit may get damaged.
- **SHARP is not responsible for accidents resulting from improper installation.**

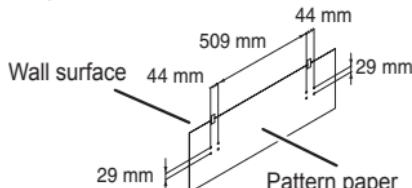
## ■ Driving screws

SHARP designed the units so you may hang them on the wall. Use proper screws (not supplied). See below for size and type.



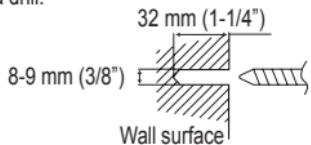
## ■ Wall mount angle fixed to the wall (Horizontal position)

- 1 Fix the pattern paper to the wall in horizontal position as below.

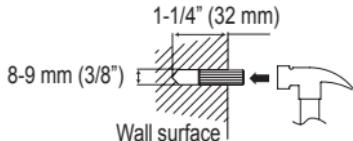


## System preparation (continued)

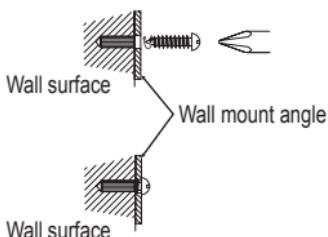
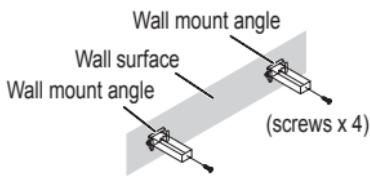
2 Make a hole on the wall following the screw point marks on the pattern paper by using a drill.



3 Fix a wall mount plug into the hole using a hammer, until it is flush with the wall surface.



4 Screw the wall mount angle to the wall as shown in the illustration. (Total screw is 8 pieces)

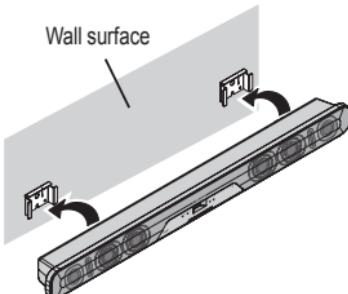


### Note:

Make sure all screws are fully tightened.  
(screws are not supplied)

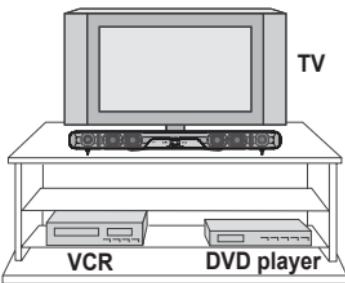
## ■ Installing the sound bar

- 1 Align the wall mount slot at the unit to the wall mount angle.
- 2 Slot the unit into the wall mount angle.
- 3 Fix them securely.



## Placing the sound bar

Installation image:



Place the unit as shown.

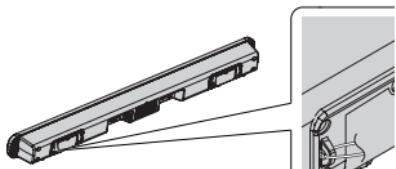
### Notes:

- As the sound from the unit is omnidirectional, you can place the unit anywhere you like. However, it is recommended to place it as close to the TV as possible.
- The front panel of the unit is not removable.

### Caution:

- Do not change the installation direction when the unit is turned on.
- Do not stand or sit on the unit as you may be injured.

## Falling prevention



Safety wires (not supplied) are useful to prevent the unit from falling off the table.

Loop the safety wires (not supplied) into each hole as shown and tie the safety wires to the LCD TV stand.

## Sound bar connections to TVs

### Caution:

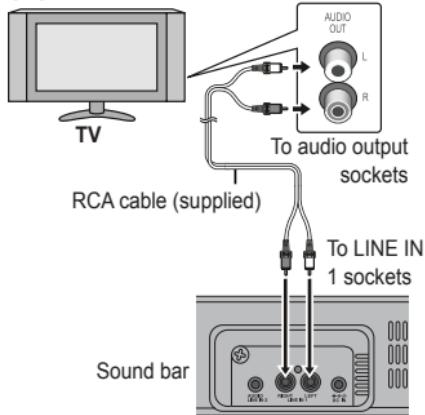
Turn off all other equipment before making any connections.

### Tuner receiving for other audio system

- Placing the aerial near the unit AC power lead may cause noise pick up. Place the aerial away from the unit for better reception.

### ■ Connecting to a TV

If the TV/monitor has an audio output, connect it to the LINE IN 1 sockets on the rear of the unit.



### To select LINE IN 1 function:

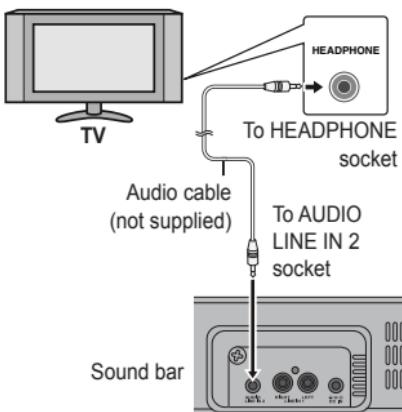
- On the unit: Press FUNCTION button repeatedly until "L1" is displayed.
- On remote control: Press LINE button repeatedly until "L1" is displayed.

### Notes:

- To connect to TV, use either LINE IN 1 sockets or AUDIO LINE IN 2 socket only.
- Refer the operation manual of the equipment to be connected.
- Fully insert the plugs to avoid fuzzy pictures or noises.

### ■ Connecting to a TV (with Headphone socket)

If the TV/monitor has headphone socket, connect it to the LINE IN 2 socket on the rear of the unit.



### To select LINE IN 2 function:

- On the unit: Press FUNCTION button repeatedly until "L2" is displayed.
- On remote control: Press LINE button repeatedly until "L2" is displayed.

### Notes:

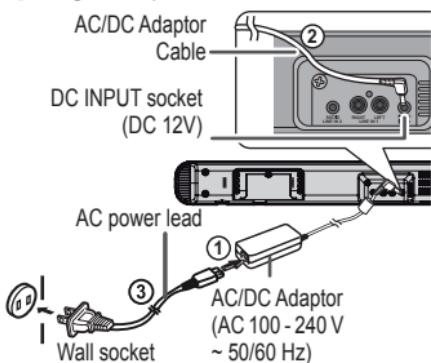
- If the TV volume is continuously in low level, the unit will automatically power off. Increase the TV output volume to enjoy the sound from the unit.
- If the unit volume is continuously in very high level, the unit will mute and recover after 3 seconds.

## AC power connection

After checking all the connections have been made correctly, connect the AC power lead to the AC power input socket, then to the wall socket.

### Using with the AC/DC adaptor

- ① Plug the AC power lead into the AC/DC adaptor.
- ② Plug the AC/DC adaptor cable into the DC INPUT socket on the unit.
- ③ Plug the AC power lead into a wall socket.



#### Caution:

If this product is to be used in other than 120 V region, please change the AC power lead to suit the region.

The AC power lead part codes for 220 - 240 V region are as follow :

- 1) QACCEA002AW00 (For Europe and Latin America region)
- 2) QACCBA005AW00 (For United Kingdom region)
- 3) QACCLA002AW00 (For Australia region)

#### Notes:

- There will be no indication during power stand-by mode unless the ON/STAND-BY button is pressed.
- Unplug the AC/DC adaptor from the wall socket if the unit will not be used for a prolonged period of time.
- Use only the supplied AC/DC adaptor. Using other AC/DC adaptor may cause an electric shock or fire.

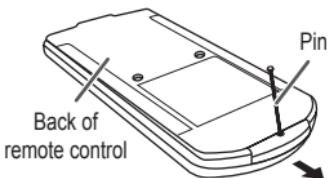
#### CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

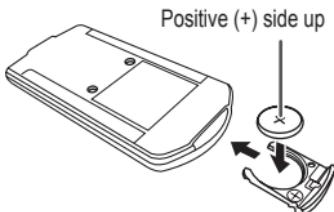
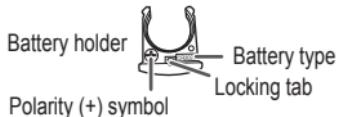
## Remote control

### Battery installation

- 1 Insert pin into the hole as shown and pull to open the battery holder.



- 2 Remove the old battery from the battery holder, insert the new battery and then slide the battery holder back into the remote control.



#### Precautions for battery use:

Remove the battery if the unit will not be used for a long period of time. This will prevent potential damage due to battery leakage.

#### Caution:

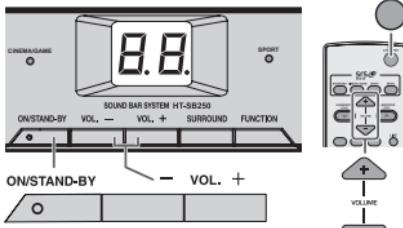
- Do not use rechargeable battery (nickel-cadmium battery, etc.).
- Danger of explosion if battery is incorrectly replaced.
- Replace only with the same or equivalent type.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Installing the battery incorrectly may cause the unit to malfunction.

## Remote control (continued)

### Notes concerning use:

- Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase "CR 2025", coin lithium battery.
- Periodically clean the transmitter on the remote control and the sensor on the unit with a soft cloth.
- Exposing the sensor on the unit to strong light may interfere with operation. Change the lighting or the direction of the unit if this occurs.
- Keep the remote control away from moisture, heat, shock, and vibrations.

## General control



### ■ To turn the power on

Press the ON/STAND-BY button.

- The sound mode indicator and display light up.

#### Note:

If the power does not turn on, check whether the power lead is plugged in properly.

#### To set the unit to stand-by mode:

- Press the ON/STAND-BY button again.

### ■ Display brightness control

Press the DIMMER button to adjust the brightness of the display and sound mode indicator.

- Sound mode indicator and display bright
- ↓ Sound mode indicator and display dim
- ↓ Sound mode indicator and display off. Pressing any button will light up the display for 3 seconds only.

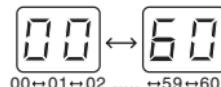
### ■ Volume auto fade-in

If you turn off and on the unit with the volume set to 40 or higher, the volume starts at 20 and fades in to the last set level.

### ■ Volume control

#### Unit operation:

Press volume up (VOL. +) to increase the volume and press volume down (VOL. -) to decrease the volume.



## General control (continued)

### Remote control operation:

Press the VOLUME + button to increase the volume and the VOLUME - button to decrease the volume.

### Muting

The volume is muted temporarily when pressing the MUTE button on the remote control. Press again to restore the volume.



### Preset sound mode

#### Main unit operation:

To change to a different mode, press the SURROUND button repeatedly until the desired sound mode lights up.

#### Remote control operation:

Press a desired sound mode on the remote control.

STANDARD	CINEMA/GAME			
SOUND EFFECT				
SOUND EFFECT				
SOUND EFFECT				
SOUND EFFECT				

- WOW HD is on for nominal effect
- WOW HD on for cinema/game sound effect
- WOW HD on for sport broadcasting
- WOW HD on for news

### Subwoofer level control

The unit level can be adjusted.

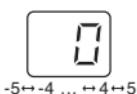
To increase the level, press

the SUBWOOFER LEVEL

button.

To decrease the level, press

the SUBWOOFER LEVEL button.



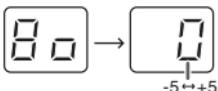
-5 ↔ -4 ... ↔ 4 ↔ 5

#### Note:

When sound from the unit is distorted, decrease the subwoofer level.

### Bass control

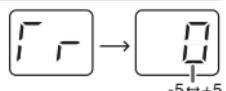
- Press the BASS/TREBLE button to select "BASS".



- Within 5 seconds, press the VOLUME (+ or -) button to adjust the bass.

### Treble control

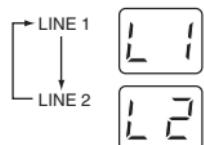
- Press the BASS/TREBLE button to select "TREBLE".



- Within 5 seconds, press the VOLUME (+ or -) button to adjust the treble.

### Function

When the FUNCTION button on unit or LINE button on the remote control is pressed, the input source will change. Press the FUNCTION button on unit or LINE button on the remote control repeatedly to select desired input source.



#### Note:

The backup function will protect the memorised function mode for a few hours should there be a power failure or the AC power lead becomes disconnected.

#### Auto power on function:

When you press the LINE button on the remote control, the unit will turn on at last function.

#### Auto power off and auto detect signal:

- If no signal is detected for 20 minutes during power on, the unit will automatically go to stand-by mode. The STAND-BY indicator turns red.
- The unit will automatically power ON if it detects audio signal from connected equipment, unless it is turned off manually.

## Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician.

If something is wrong with this product, check the following before calling your authorised SHARP dealer or service center.

### ■ General

Symptom	Possible cause
No sound is heard.	<ul style="list-style-type: none"><li>● Is the input signal (selection) set properly?</li><li>● Is the volume level set to "0"?</li><li>● Is muting activated?</li></ul>
Noise is heard during playback.	<ul style="list-style-type: none"><li>● Move the unit away from any computers or mobile phones.</li></ul>
When a button is pressed, the unit does not respond.	<ul style="list-style-type: none"><li>● Set this unit to the stand-by mode and then turn it back on.</li></ul>
The power is not turned on.	<ul style="list-style-type: none"><li>● Is the unit unplugged? (Refer to page 8.)</li><li>● The protection circuit may be activated. Unplug and plug in the power lead again after 5 minutes or more.</li></ul>
The information is not displayed even if the unit is turned on.	<ul style="list-style-type: none"><li>● Is the unit set to "Display off mode"?</li></ul>

### ■ Remote control

Symptom	Possible cause
The remote control does not operate properly.	<ul style="list-style-type: none"><li>● Is the battery polarity correct?</li><li>● Is the battery dead?</li><li>● Is the distance or angle incorrect?</li><li>● Are there any obstructions in front of the unit?</li><li>● Is there a strong light shining on the remote sensor?</li><li>● Is the remote control for another equipment used simultaneously?</li></ul>
The unit cannot be turned on with the remote control.	<ul style="list-style-type: none"><li>● Is the AC power lead of the unit plugged in?</li><li>● Is the battery inserted?</li></ul>
TV cannot be operated with the remote control.	<ul style="list-style-type: none"><li>● Depending on the model, some or all functions may not be operable using the remote control of this unit. In this case, use the remote control supplied with the TV.</li></ul>

## Troubleshooting chart (continued)

### ■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet or on the transmitter on the remote control. Condensation can cause the unit to malfunction. If this happens, leave the power on until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

### ■ If problem occurs during operation

When this product is subject to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

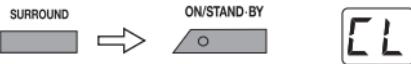
#### If such a problem occurs, do the following:

- 1 Set the unit to the stand-by mode and turn the power on again.
- 2 If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

### ■ Factory reset, clearing all setting

Make sure to disconnect all audio input cables attached to the unit before performing the factory reset.

1. Press the ON/STAND-BY button to enter the power stand-by mode.
2. Whilst pressing the SURROUND button, press and hold the ON/STAND-BY button until "CL" appears.



#### Caution:

This operation will erase all data stored in memory.

## Maintenance

### ■ Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth.



#### Caution:

- Do not use chemicals for cleaning (gasoline, paint thinner, etc.). It may damage the cabinet finish.
- Do not apply oil to the inside of each component. It may cause malfunctions.



## Error indicators and warnings

When you fail to perform operations properly, the following messages are displayed on the unit.

Display	Meaning
 or  or 	<ul style="list-style-type: none"><li>● Malfunction of the surround circuit. Place the unit away from noise source and plug the AC power lead into another wall socket. (*)</li></ul>
 Power indicator (blinks red)	<ul style="list-style-type: none"><li>● When the protection circuit of the amplifier is activated.</li></ul>

(\*): Should the same message appear even if the unit is unplugged and plugged in or is set to the stand-by mode and on again, contact your local dealer where you purchased the unit.

## Specifications

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production unit. There may be some deviations from these values in individual unit.

■ General	
Power source	DC IN 12V == 4A: AC/DC adaptor (AC 100 - 240 V ~ 50/60 Hz)
Power consumption	10 W
Output power	Front speaker: RMS: 12 W (6 W + 6 W) (10% T.H.D.) Subwoofer: RMS: 20 W (10% T.H.D.)
Speaker	2.1-way Speaker System Front Speakers: 40 mm (1-1/2") Full Range Impedance: 12 ohms / Channel Subwoofer: 57 mm (2-1/4") Woofer (x4) Impedance: 3 ohms

Input terminals	Analog input (LINE 1): RCA type x 1pair (L/R) 500 mV / 47 kohms Analog input (LINE 2): Stereo mini socket Ø 3.5 mm 100 mV / 47 kohms
Dimensions	Width: 851 mm (33-1/2") Height: 96 mm (3-3/4") Depth: 70 mm (2-3/4")
Weight	1.90 kg (4.19 lbs.)